FFFFFFFFFFFFF	111	111	XXX	XXX
FFFFFFFFFFFFFFFFF	111111	111111	XXX	XXX
FFF	111111	111111	ŶŶŶ	âââ
FFF	111111	111111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	1111	111	XXX	XXX
FFF FFFFFFFFFFFF	1111	111	XXX	XXX
FFFFFFFFFF	111	111	XXX	
FFFFFFFFFF	iii	iii	χ̂χ̂	
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
fff	!!!	1111	XXX	XXX
FFF	1111	111	XXX	XXX
FFF	111111111	111111111	XXX	XXX
FFF	111111111	111111111	âââ	âââ
FFF	111111111	111111111	XXX	XXX

_\$25

Symb 10-0 10-0 10-0 10-5 10-5 K1CL

KILL KILL LB E LB E LB E LB E LOCA LOCA

MAKE MAKE MAP MAP

MAP MARI MARI MARI MARI MARI NN NN

000000 00 00 00 00	2222222 22 22 22 22 22 22 22 22 22 22 2	KK	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	N N N N N N N N N N N N N N N N N N N
	\$			

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38 39 40

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LOCKI

.TITLE LOCKON - LOCK FCP INTO REAL MEMORY

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; FACILITY: F11ACP STRUCTURE LEVEL 1

M 2

ABSTRACT:

THIS ROUTINE TOUCHES ALL OF THE PAGES IN FCP TO BRING THEM INTO REAL MEMORY.

ENVIRONMENT:

STARLET OPERATING SYSTEM, INCLUDING PRIVILEGED SYSTEM SERVICES AND INTERNAL EXEC ROUTINE.

AUTHOR: ANDREW C. GOLDSTEIN, CREATION DATE: 22-DEC-1976 14:46 MODIFIED BY:

B0100 ACG00001 Andrew C. Goldstein, 10-Oct-1978 20:01 Previous revision history moved to [F11B.SRC]F11B.REV

DEFINE LABELS FOR THE START AND END OF THE LOCKED DOWN AREAS

PSECT \$LOCKEDCO\$, NOWRT, PAGE LCODE_START:

54 LCODE_START 55 56 .PS 57 LCODE_END: PSECT \$LOCKEDC9\$, NOWRT, LONG

0000000 0000

0000

: Ro

LOCKDN VO4-000 LOCKE

: 29

LOCK

- LOCK FCP INTO REAL MEMORY

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Page

LOCKON VO4-000

.END

C 3

```
D 3
 LOCKON
                                                    - LOCK FCP INTO REAL MEMORY
                                                                                                                     15-SEP-1984 23:44:02 VAX/VMS Macro V04-00 5-SEP-1984 01:13:31 [F11x.SRC]LOCKDN.MAR;1
                                                                                                                                                                                                     Page
 Symbol table
                           00000000
00000007
00000001
00000006
00000008
00000004
00000002
00000002
SST1
ACL_TYPE
AQB_TYPE
B1TMAP_TYPE
CACHE_TYPE
CHIP_TYPE
DATA_TYPE
DIRECTORY_TYPE
FCB_TYPE
HEADER_TYPE
INDEX_TYPE
LAST_PAGE
LCODE_END
LCODE_START
LDATA_END
LDATA_START
LOCKDOWN
LOCKED_CODE
SST1
                        =
                        =
                        =
                        =
                        =
                        =
                        =
                        =
                            00000003
                            80000008
                                                    05
02
04
03
06
06
                            00000000
                            00000000
                            00000000 R
00000010 RG
00000000 R
LOCKED_CODE
LOCKED_DATA
MVL_TYPE
QUOTA_TYPE
RVT_TYPE
SET_SIZE
SYS$ADJWSL
                            80000008
                            00000004
                            00000005
                            00000003
                                                    05
06
06
06
                            00000004 RG
                            *******
SYSSEXPREG
                            *******
SYSSLKWSET
                            *******
WCB_TYPE
                           00000002
                           00000001
WORKING_SET
                                                    05
                            00000000 R
                                                                               Psect synopsis!
PSECT name
                                                                                   PSECT No.
                                                    Allocation
                                                                                                     Attributes
     ABS
                                                    00000000
                                                                                                     NOPIC
                                                                                                                  USR
                                                                                                                           CON
                                                                                                                                                    NOSHR NOEXE
                                                                                                                                                                       NORD
                                                                                                                                                                                  NOWRT
                                                                                                                                                                                           NOVEC BYTE
                                                                                                                                     ABS
                                                                                                                           CON
CON
CON
                                                                                                                                                                 EXE
SLOCKEDCOS
                                                    00000000
                                                                                   01
                                                                                                                 USR
                                                                                                                                                                                           NOVEC PAGE
                                                                                                     NOPIC
                                                                                                                                     REL
                                                                                                                                                     NOSHR
                                                                                                                                                                                  NOWRT
                                                                                                                                              LCL
                                                                                                                                                                           RD
                                                                                   03 04 05 06
                                                    0000000
 $LOCKEDC9$
                                                                                                                                     REL
                                                                                                                                                                                  NOWRT
                                                                                                      NOPIC
                                                                                                                                              LCL
                                                                                                                                                     NOSHR
                                                                                                                                                                                           NOVEC LONG
                                                                                                                                                                           RD
                                                    0000000
                                                                                                                                     REL
                                                                                                                  USR
 SLOCKEDDOS
                                                                                                      NOPIC
                                                                                                                                                     NOSHR
                                                                                                                                                              NOEXE
                                                                                                                                                                           RD
                                                                                                                                                                                     WR1
                                                                                                                                                                                           NOVEC
                                                                                                                                                                                                    LONG
                                                                                                                                              LCL
                                                    00000000
                                                                                                                  USR
                                                                                                                                                                                                    LONG
                                                                                                     NOPIC
                                                                                                                                     REL
                                                                                                                                                                           RD
                                                                                                                                                                                     WRT
                                                                                                                                                                                           NOVEC
 SLOCKEDD9S
                                                                                                                                              LCL
                                                                                                                                                     NOSHR
                                                                                                                                                              NOEXE
                                                                                                                           CON
                                                                                                                                                                           RD
                                                                                                                                                                                     WRT
                                                                                                                                                                                                    LONG
                                                                                                                  USR
                                                                                                                                     REL
                                                                                                                                                                                           NOVEC
 $LOCKEDD1$
                                                                                                     NOPIC
                                                                                                                                               LCL
                                                                                                                                                     NOSHR
                                                                                                                                                              NOEXE
                                                    0000007B
                                                                                                                           CON
                                                                                                                                                                                 NOWRT NOVEC LONG
 $CODE$
                                                                                                     NOPIC
                                                                                                                  USR
                                                                                                                                     REL
                                                                                                                                              LCL
                                                                                                                                                    NOSHR
                                                                                                                                                                 EXE
                                                                                                                                                                           RD
                                                                         ! Performance indicators
                                                                 CPU Time
                                                                                        Elapsed Time
Phase
                                         Page faults
 ----
                                                                                        00:00:01.22
00:00:02.92
00:00:03.25
00:00:00.02
00:00:01.23
00:00:00.04
00:00:00.05
                                                                00:00:00.09
00:00:00.67
00:00:01.00
00:00:00.02
00:00:00.55
00:00:00.03
                                                    29
113
121
 Initialization
 Command processing
Pass 1
                                                     40
 Symbol table sort
Pass 2
 Symbol table output
Psect synopsis output
```

LOCK

: Ro

LOCKDN LOCK DN LOCK FCP INTO REAL MEMORY

- LOCK FCP INTO REAL MEMORY

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5-SEP-1984 01:13:31 [F11X.SRC]LOCKDN.MAR;1 (2)

The working set limit was 1050 pages.
3647 bytes (8 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 29 non-local and 1 local symbols.
242 source lines were read in Pass 1, producing 21 object records in Pass 2.
7 pages of virtual memory were used to define 7 macros.

! Macro Library statistics !

Macro library name

\$255\$DUA28:[SYS.OBJ]LIB.MLB;1 \$255\$DUA28:[SYSLIB]STARLET.MLB;2 TOTALS (all libraries) Macros defined

41 GETS were required to define 5 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:LOCKDN/OBJ=OBJ\$:LOCKDN MSRC\$:FCPPRE/UPDATE=(ENH\$:FCPPRE)+MSRC\$:LOCKDN/UPDATE=(ENH\$:LOCKDN)+EXECML\$/LIB

0171 AH-BT13A-SE

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